



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@po.state.ct.us

Web Site: www.state.ct.us/csc/index.htm

October 15, 2003

Kenneth C. Baldwin
Robinson & Cole
280 Trumbull Street
Hartford, CT 06103-3597

RE: **EM-VER-096-030926** - Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 4 Elkington Farm Road, New Milford, Connecticut.

Dear Attorney Baldwin:

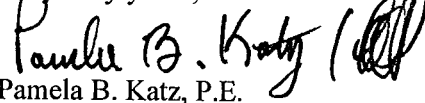
At a public meeting held on October 14, 2003, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated September 26, 2003. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,


Pamela B. Katz, P.E.

Chairman

PBK/laf

c: Honorable Robert B. Gambino, Mayor, Town of New Milford
David N. Hubbard, Planning & Econ. Director, Town of New Milford
Eric Rabon, SpectraSite Communications
PageNet Inc.
Michele G. Briggs, Southwestern Bell Mobile Systems
Thomas J. Regan, Esq., Brown, Rudnick, Berlack, Israels LLP
Christopher B. Fisher, Esq., Cuddy & Feder LLP
Thomas F. Flynn III, Nextel Communications



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September 30, 2003

Honorable Robert B. Gambino
Mayor
Town of New Milford
Town Hall
10 Main Street
New Milford, CT 06776

RE: **EM-VER-096-030926** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 4 Elkington Farm Road, New Milford, Connecticut.

Dear Mr. Gambino:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for October 14, 2003, at 1:30 p.m. in Hearing Room One, Ten Franklin Square, New Britain, Connecticut.

Please call me or inform the Council if you have any questions or comments regarding this proposal.

Thank you for your cooperation and consideration.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/ld

Enclosure: Notice of Intent

c: David N. Hubbard, Planning & Econ. Director, Town of New Milford

EM-VER-096-030926

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

September 26, 2003

Via Hand Delivery

S. Derek Phelps
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Notice of Exempt Modification**
4 Elkington Farm Road
New Milford, Connecticut

RECEIVED
SEP 26 2003
CONNECTICUT
SITING COUNCIL

Dear Mr. Phelps:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") intends to install antennas on an existing tower at 4 Elkington Farm Road in New Milford, Connecticut. Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to the New Milford Mayor, Robert B. Gambino.

The facility consists of a 150-foot self-supporting monopole tower, capable of supporting multiple carriers within an approximately 80' x 100' fenced site compound. The tower is owned and operated by SpectraSite Communications, Inc. ("SpectraSite") and is currently shared by Pagenet at the 157-foot level and 158-foot level; Cingular at the 152-foot level; Sprint at the 141-foot level; AT&T at the 120-foot level and Nextel at the 110-foot level. Cellco proposes to install twelve (12) panel-type antennas at the 133-foot level on the tower and a 12' x 30' single-story equipment shelter near the base of the tower. (See attached Project Plans).

The planned modifications to the New Milford facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modification will not increase the overall height of the existing tower. Cellco's antennas will be mounted with their centerline at the 133-foot level on the 150-foot tower.



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S. Derek Phelps
September 26, 2003
Page 2

2. The proposed installation of twelve (12) panel-type antennas and a 12' x 30' equipment shelter will not require an extension of the site boundaries.

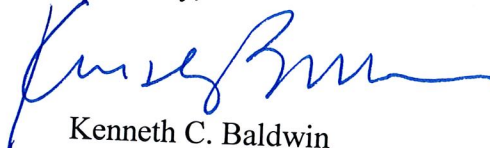
3. The proposed antenna modification will not increase the noise levels at the facility by six decibels or more.

4. The operation of the antennas will not increase radio frequency (RF) power density levels at the facility to a level at or above the Federal Communications Commission (FCC) adopted safety standard. The cumulative worst-case RF emissions levels for existing antennas and Cellco's proposed PCS antennas would be 21.89% of the FCC Standard, as measured for mixed frequency sites (see attached power density calculations table).

Also attached is an engineer's certification verifying that the tower can accommodate Pagenet, Cingular, Sprint, AT&T, Nextel and Cellco antennas and related equipment.

For the foregoing reasons, Cellco respectfully submits that the proposed antenna installation at the New Milford facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,



Kenneth C. Baldwin

Attachments

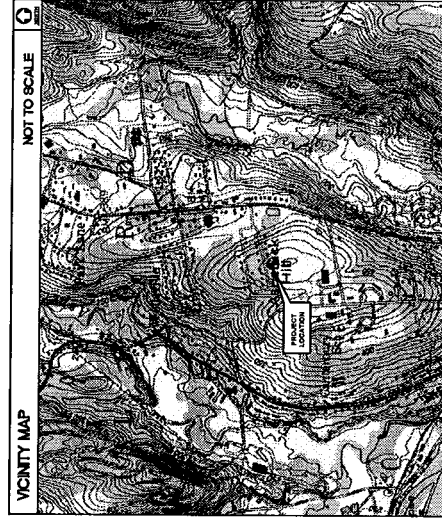
cc: Robert B. Gambino, Mayor
Sandy M. Carter



d.b.a. Verizon wireless

4 ELKINGTON FARM ROAD
NEW MILFORD, CT 06776

T-1
DWG. 1 OF 2

[illegible][illegible]

General Power Density_WorstCase

Site Name: New Milford, CT
Cumulative Power Density

Operator	Operating Frequency (MHz)	Number of Trans.	ERP Per Trans. (watts)	Total ERP (watts)	Distance to Target (feet)	Calculated Power Density (mW/cm ²)	Maximum Permissible Exposure*	Fraction of MPE (%)
PageNet	930	2	165	330	157	0.0048	0.62	0.78%
Cingular	880	9	211	1899	152	0.0296	0.587	5.04%
Sprint	1950	11	122	1342	141	0.0243	1	2.43%
Verizon	1900	3	200	600	133	0.0122	1	1.22%
AT&T	875	9	200	1800	120	0.0450	0.583	7.71%
Nextel	851	9	100	900	110	0.0267	0.567	4.72%
Total Percentage of Maximum Permissible Exposure								21.89%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

MHz = Megahertz

mW/cm² = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case scenario, maximum values used.





SpectraSite

CT-0059 [New Milford]

Structural Evaluation of 150' ITT Meyer Monopole

4 Elkington Farm Road

New Milford, CT 06776

Litchfield County

Date: July 1, 2003

SpectraSite Engineering has performed a *Level 1 evaluation*¹ for the above-noted tower. The evaluation was based on requirements of the TIA/EIA-222-F for a basic wind speed of **80 mph** without ice and 75% of the wind load with 1/2" radial ice.

Table 1. Existing and Proposed Antennas

ELEVATION (Ft-AGL)	ANTENNA	CARRIER	COAX*	NOTES
158 157	(1) 4' Yagi (1) 6' Whip w/ Low Profile Platform	Pagenet	(1) 1/2" (1) 1-1/4"	Existing
152	(9) Swedcom SC9012-Din w/ Low Profile Platform	Cingular	(9) 1-1/4"	Remove Existing
152	(6) CSS DUO4-8670 w/ Existing Low Profile Platform	Cingular	(6) 1-1/4"	Proposed Replacement
141	(6) Decibel DB978H90E-MS w/ Low Profile Platform	Sprint	(6) 1-5/8"	Existing
133	(12) Decibel DB950G85E-M w/ Low Profile Platform	Verizon	(12) 1-5/8"	Proposed
120	(3) EMS RS90-05-00XX2 (3) Allgon 7250.02 w/ Low Profile Platform	AT&T	(12) 1-5/8"	Remove Existing
120	(3) EMS RS90-05-00XX2 (3) Decibel 731DG85VTEXM w/ Existing Low Profile Platform	AT&T	(12) 1-5/8"	Proposed Replacement
110	(12) Decibel DB844H90E-XY w/ Low Profile Platform	Nextel	(12) 1-1/4"	Proposed

* Coax installed inside monopole.

¹ Level 1 evaluation means:

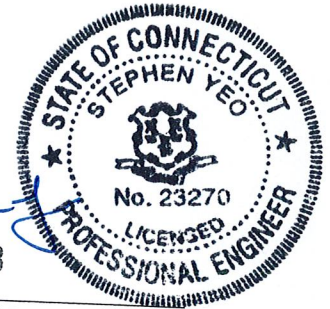
- the applied (existing and proposed) loads (Table 1) on the tower are compared to the original design loads,
- the design wind criteria is compared to the recent code requirements.

The subject tower and foundation are *adequate* to support the above stated loads and *in conformance* with requirements of the TIA/EIA-222-F Standard.

The tower should be re-evaluated as future loads are added or if actual loads are found different from those mentioned in Table 1.

Analysis prepared by:
Ashley A. Miller, E.I.
Engineering Associate
Contact (919) 466-5527
with any questions

Stephen Yeo
JUL 02 2003



Stephen Yeo, P.E.
Structural Design Manager

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Connecticut.

EM-VER-096-030926
4 Elkington Farm Road
New Milford 10/02/03

